

Notice of Allowability

Application No.

09/138,378

Applicant(s)

HAMURA ET AL.

Examiner

Gabriel I Garcia

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 8/17/04.
2. ☒ The allowed claim(s) is/are 4,5,9,10,15,19,20,24,25, and 30, renumbered as claims 1-10.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

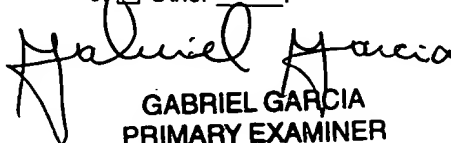
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date 12/19/00.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


GABRIEL GARCIA
PRIMARY EXAMINER

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DETAILED ACTION

1. This application has been examined, This Office action is in response to the amendment filed 8/17/04. Claims 4,5,9,10,15,19,20,24,25 and 30 are allowed over the prior art of record. Claim 15 have been amended. Claims 1-3,6-8,11-14,16-18,21-23 and 26-29 have been canceled as requested by Applicant in paper filed 8/17/04. Prosecution on the merits is closed in this application.

2. Applicant's amendments to the claims have been fully considered by the Examiner, and they are found to be patentable over prior art of record. The prior art of record, does not teach or suggest the various embodiments of the independent claims, and does not warrant a rejection under 35 USC, sections 102 or 103.

Allowable Subject Matter

3. The following is an Examiner's statement of reasons for the indication of allowable subject matter:

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Conclusion

4. The following is an examiner's statement of reasons for allowance: Claims

4,5,9,10,19,20,24,25 and 30 are being allowed over the prior art of record. The prior art of record such as Motamed et al '303 teaches that it is well known in the art to process data by separating data into different data types and applying different processes to the data types (see fig. 3), but the prior art of record fails to teach, or suggest the claimed limitations of (in combination with all other features in the claims) a printer or controller, wherein the plurality of separate sets of data stored in the image buffer are obtained by dividing the print data to be printed on one page into a plurality of bands, each of the bands corresponding to one of the different types of data, and wherein the form data integration circuit alternately selects the separate set of data read by each of the video interfaces and outputs the selected set of the data to the output mechanism.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

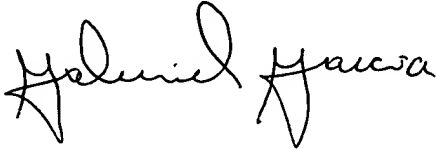
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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gabriel I. Garcia whose telephone number is (703) 305-8751. The examiner can normally be reached Monday thru Thursday from 7:30AM-6:00PM.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 306-0377.

Any response to this action could be fax to:

(703) 872-9306 (official or unofficial)

A handwritten signature in cursive script, appearing to read 'Gabriel Garcia', is written in black ink.

Gabriel I. Garcia
Primary Examiner
April 30, 2004

GABRIEL GARCIA
PRIMARY EXAMINER